UTAH DIVISION OF OIL. GAS AND MINING FILE X WATER SANDS - ELECTRIC LOGS-SUB. REPORT/ABD 9-28-81 * Application Terminated DATE FILED 11-21-79 PUBLIC LEASE NO. 9B-001641 LAND: FEE & PATENTED STATE LEASE NO. INDIAN DRILLING APPROVED: SPUDDED IN: COMPLETED: PUT TO PRODUCING: INITIAL PRODUCTION: GRAVITY A.P.I. GOR: PRODUCING ZONES: TOTAL DEPTH: 5187'GR WELL ELEVATION: 9-28-81 DATE ABANDONED: FIELD: Cisco Dome LIBIT.

UNIT:							
COUNTY:	Grand						
WELL NO.	Federal 26-	-4		A	PI NO: 43-019	-30583	
LOCATION	1562'	FT. FROM (NY) (S) LINE.	2353 '	FT. FROMX集) (W) LINE.	NE SW	14-4 SEC.26	

TWP. RGE. SEC. OPERATOR

TWP. RGE. SEC. OPERATOR

20S 21E 26 ADAK ENERGY CORPORATION

CCCo/Adak Energy Corp 3964 South State Street Salt Lake City, Utah 84107

Division of Oil, Gas, & Mining 1588 West North Temple Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight

Director

November 19, 1979

RE: Well Permits

27-2, 26-3, 26-4 Grand County, Utah

Mr. iFeight:

Attached hereto please find a drilling application for each of the above referenced well. A plat of the acreage owned is attached from which you may readily determine that no conflict exists with any well location, and that each of the proposed well locations is no closer than 2640' from any other well location or producing well. The Federal Government is a common Royalty owner for each of the locations and none of the wells comes closer to any lease boundry than 500' with the exception of the 26-3, which due to Topographical problems can only be located 491' south of the northline of Section 26.

A topographical exception of the 9' is requested as the area on which the well is requested drops off steeply to the south and east and the rig cannot be set up without the differential as requested.

Sincerely,

Dean H. Christensen

STATE

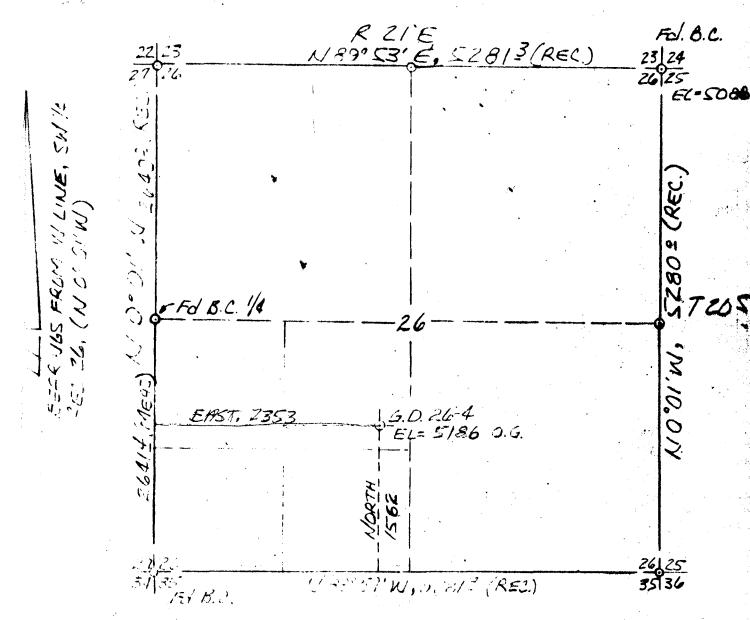
SUBMIT IN TRIPL

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

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MEST LOCATION PLAT



FOR: A O CO.

WELL LOCATION PLAT OF

GAMBLERS DELIGHT 26-4

IN SEC. 26, T 205, R 21 E,

S.L B. & M., GRAND COUNTY, LITA

TRANSIT & E.D.M. SURVEY

SCALE 1"=1000". SEPT. 19,1979

ELEV. FROM USGS. TOPO QUAP.

"SEGO CANYON, UTAH," 1963, NE

COR. SEC. 26 ELEV = 50882

A. Francisco

OWNERSHIP PLAT

FORM 196		0 SOUTH				COMPANY, SHERIDAN 127	_P.M.
36	31	32	33	34	35	36	31
. 1	6	5	4	3	2	1	6
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CCCo 3964 South State Street Salt Lake City, Utah 84107

U. S. Geological Survey 125 South State Street Salt Lake City, Utah 84111

Aktn: Mr. E. W. Guynn District Engineer

November 19, 1979

RE: NTL-6

Application for CCCo, a Utah Corporation to drill in the NE4SW4, Section 26, T20S, R21E, Grand County, Utah is herewith presented.

1. Geological name of the Surface Formation: Mancos Shale (Cretaceous)

2. & 3. Grelogical tops and formation depths:

Cretaceous	A. Marker Dakora Cedar Mountain	2125 2 155 2200
Jurassic	Morrison Morrison Salt Wash	2614 2660
	Summerville	2740
	Entrada	2825

- 4. Casing Program: See attached 9-331C
- 5. Pressure Control equipment: See attached schematic of BOP. The BOP will be mounted on top of an 8" full opening valve which will be placed on top of the surface casing. The 8" full opening valve has a 900# working pressure. A Grant rotating head will be placed on top of the BOP. The BOP will be tested every 24-hrs during drilling operations. The 8" full opening valve will enable the Operator to shut-in the well and to have complete control over the well when the BOP is removed to install the well-head (stripping well-head) prior to running tubing, in the event that the well is successful. A fill and kill outlet will be welded onto the surface casing below the 8" full opening valve.
- 6. Dirilling and circulating medium: The Operator intends to drill with compressed air and air mist as far as possible. Salt water based polymer drilling fluids will be utilized in the event that formation water is encountered, and to control or kill oil or gas flows if necessary while attempting completion. The drilling fluids will be weighted as necessary to insure control. All drilling fluids will be removed from the site for disposal.

- 7. Auxiliary Equipment: (a) kelly Cock--Demlo. (b) FRoats at the Bit--yes and on the drill string. (c) Monitoring equipment on the mud system--no, the driller on twoer will be responsible to check the weight and viscosity of the mud system periodically during the drilling tower. (4) Sub on floor with a full opening valve. The fill and kill lines will be welded onto the surface cas below the BOP. As stated earlier, an 8" full opening valve will be installed on top of the surface casing below the BOP.
- Testing, dogging, and coring: The well will be logged upon reaching total depth. An IES and Compensated density neutron will be run. operators will not core the well. In the event that casing is run, a cement bond log will be run prior to perforation. Samples will be caught every 10 ft at approximately 1800'.
- Maximum bottom hole pressure is expected to be less than 700 psi. Operator is prepared to handle pressures in excess of 3000 psi.
- 10. Starting date is anticipated to be mid December 1979. The drilling will take approximatly 3-5 days , and completion an additional 2 days.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge are true and correct; and, that the work associated with the operations proposed herein will be preformed by us and our contractors and sub-contractors in conformity with this plan and the terms under which it is approved.

19 Alon 79

Christensen, Agent

Multipoint' Requirements to Accompany 9-331C

1. Existing 'Rbads:

The cunningham ranch road is the main access rout into the area of operations. See blue line on attached quad map. The access route to the propsed locateon, see blue route.

The well proposed is a developmental well. See the existing roads in yellow.

In the event that the well is developed as a natural gas well, the access rod which is utilized will be maintained as necessary to allow for daily access by company field personnel. In the event that an oil well is developed, the oil will be pumped to the Adak-Anschutz 26-1A well location. This location has a well maintained road which will allow for easy tank truck access. In the event that either oil or gas is developed, the same pipeline route will be utilized to the 26-1A site (see attached pipeline route). In line heaters will be utilized to maintain oil production. In line heaters will not be necessary if natural gas is produced. Individual tanks will be utilized for each well to determine oil production. A meter will be placed on site to monotor gas production, even though the well is common to the meter facility located at the 26-1A site due to the approved communitization agreement covering the acreage.

2. Planned acces Roads:

- a. Width--10 ft blade out on level ground.
- b. maximum grades -- as necessary to insure access.
- c. turn-outs- as determined during on-site inspection.
- d. drainage design -- small barpits in low areas to facilitate drainage.
- e. no culverts are necessary.
- f. Surfacing Material—the operator does not intend nor do we feel that the introduction of foreign material is necessary for operations.
- g. Necessary gates, cattlegauards, or fence cuts--none needed. The entire area is open range.
- Location of Existing Wells:
- a. See attached map
- b. Producing wells within one-mile::
 - 1. Section 26--Anschutz 26-1A, a gas well (NE4NE4 Section 26)
 - 2. Section 27--Boardwalk-Tumbleweed 27-1 (NE4NE4 Section 27) gas well

3-c. Producing wells in a two mile radius

Section 14 Cunningham Cart Barnes #1-Gas Section 24 NP Energy Ederal 24-1 Gas Section 24 Union Texas Gov't - gas Section 25 NP Energy Federal 25-1 Gas

d. Abandoned or shut-in wells are all marked with industry standard symbols. No water, disposal, injection or observation wells are within one of the proposed location.

4. Location of Existing and/or Proposed Facilities:

- a. Tank Batteries: None exist. Approval for the installation was granted on the APD which was submitted for the 26-1A well. In the event that oil is discovered, surface lines will be installed and all oil or gas production will be delivered to the 26-1A gas lateral line which is installed and is dipicted on the attached survey map. This line is shown in red. No tank bateries will be installed on the well site at this time. Gas gathering lines will be laid in accordance with the survey map which has been attached. The entire area as shown on the attached survey map is covered under the appropriate communitzation agreement. No permenant Right-of-way is necessary from the BLM for the installation of the proposed lines (gathering) as all of the acreage concerned is under the USGS administered agreement.
- b. 'Rehabilitation of any disturbed areas will be completed in strict concurrance with the BLM restoration plan. In the event that the operator discovers any archeological item or item which may be determined to be covered under the antiquity act, operations will cease until such time as an evaluation has been completed by the cultural specialist that is tasked to make the determination.
- 5. Location and Type of Water Supply: All water which may be utilized will be trucked to the location. Fresh water will be picked-up from the Colorado River, and the brine water will be brought to the site from Moab, Utah.
- 6. Source of Construction Materials: None used or needed. The area is flat. Due to the type of surface (mancos shale) the best way to construct roads, etc., is to lightly blade the area, water, and then pack down.
- 7. Methods for Handling Waste Disposal: a. Cuttings will be collected into a pit where the blewie line is placed. The pit utilized will be approximately three ft in depth with the side built up to catch the cuttings. The topsoil will be stacked in order that it may be replaced after operations are terminated. b. The drilling fluids will be placed into eith a lined pit, or metal tanks. they will be removed from the site for dosposal upon completion of operations. c. Produced fluids will be sold if oil, and removed if formation water. d. Sewage will be placed into porta-potty facilities in the self-contained trailer. e. Garbage will be placed into a fenced trash pit. Mesh wire will be utilized to prevent scattering of paper, etc., in the area. The burable trash will be burned on site at the completion of operations and buried. The other waste matter will be trucked from the site.

9. Well-site Layout

See attached lay-out plan.

10. Plans for restoration of surface: The operator will replant the disturbed areas with the seed mix determined by the BLM surface protection specialtist at the time of the joint surface meeting. The area will be bladed and planted upon the conclusion of operations. The Operator will utilize rubber tired vehicles during the construction of any pipelines or gathering facilities, this will be done to minimize surface disturbances.

11. OTHER INFORM ATION:

- A. A copy of the pertinent Farmout agreements have been attached. This information is deemed by the Operator to be confidential in nature and it is expected that this information not be given to any outside operator and that the agencies with a need to know safeguard this information.
- b. None of the leases involved and now under the terms and conditions of the pertinent communitization Agreement 9B-001641, has any restrictions concerning winter operations. The area involved has no conflict with any wildlife, or archeological or antiquity resource. Time is of the essance concerning this project both because of contractual agreements, weather conditions, but the present national and international shortages of fuels makes cooperation between the contolling federal agencies and the Operator very important.

12. LESSEE'S REPRESENTATIVES:

ADAK ENERGY CORPORATION/CCCo 3964 South State Street Salt Lake City, Utah 84107

801-268-8000/262-4422

Dean H. Christensen (Home Phone 801-278-4545)

303-858-7716

B. H. Hastings (Fruita, Colorado)

13. <u>CERTIFICATION</u>:

The following statement is to be incorporated in the plan and must be signed by the lessee's or operators representative who is identified in Section 12 of the submitted plan:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that the statements made in this plan are, to the best of knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by ADAK ENERGY CORPORATION/CCCo and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

DATE Slow 9

DEAN H. CHRISTENSEN, AGENT

7-Point Completion

1. Casing:

8 5/8" surface casing will be cemented to the surface. The surface casing will be set 200' into the Mancos shale. An 8" full opening valve will be flanged to the surface casing. The BOP will be set on top of the 8" valve. 4½" casing will be set to total depth if commercial production is developed.

2. Casing head and Flanges:

A larkin $4\frac{1}{2}$ " stripping head will be flanged to a nipple which will be screwed into the gm gate valve which is to be attached to the surface casing. (See schematic and other data attached)

3. Intermediate Casing:

None Required.

4. Blowout Preventer:

A hydrill 10" 3000 psi stripping and bladder type bop will be utilized. This BOP is capable of closing blind and will allow the operator to strip up to \$5/8" casing into the well bore. Two (2) fill and kill nipples will be welded into the surface casing below the BOP and Grant'Rbtating head, which will be set on top of the BOP.

5. Auxillary Equipment:

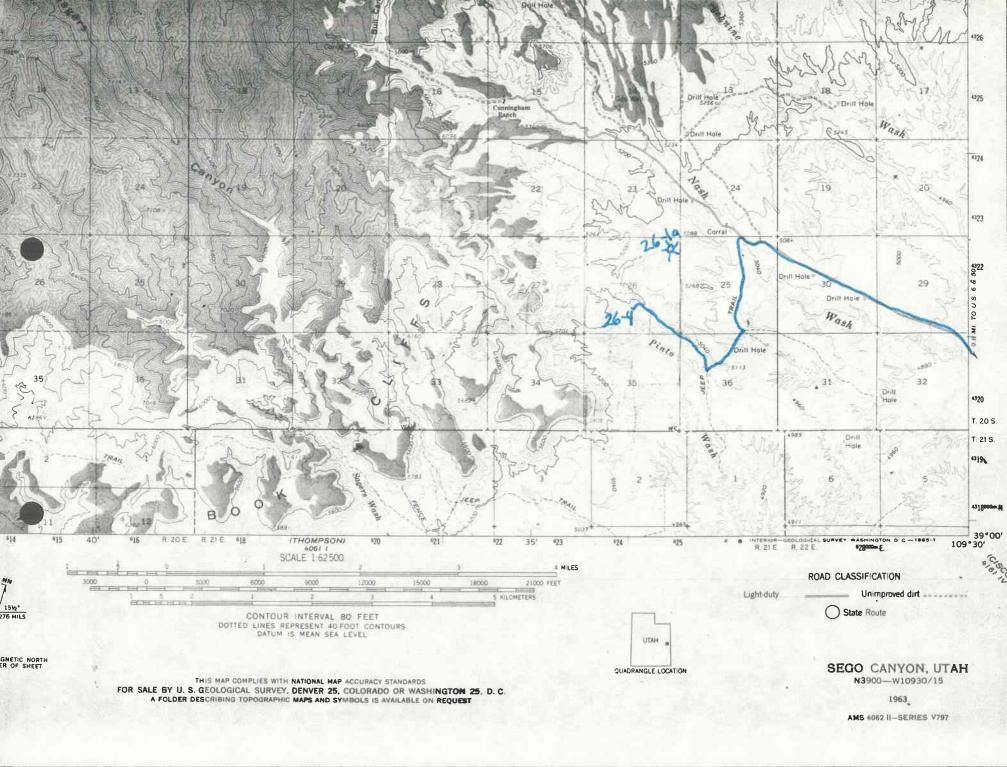
A $3\frac{1}{2}$ " sub with a 2" valve will be stubbed into the drill pipe for testing and cementing.

6. Bottom Hole Pressure:

Due to the operators experience in drilling shallow wells in the immediate area, experience has proven that no well has had a bottom hole pressure in excess of 800 psi. However, the Operator is prepared to handle up to 3000 psi.

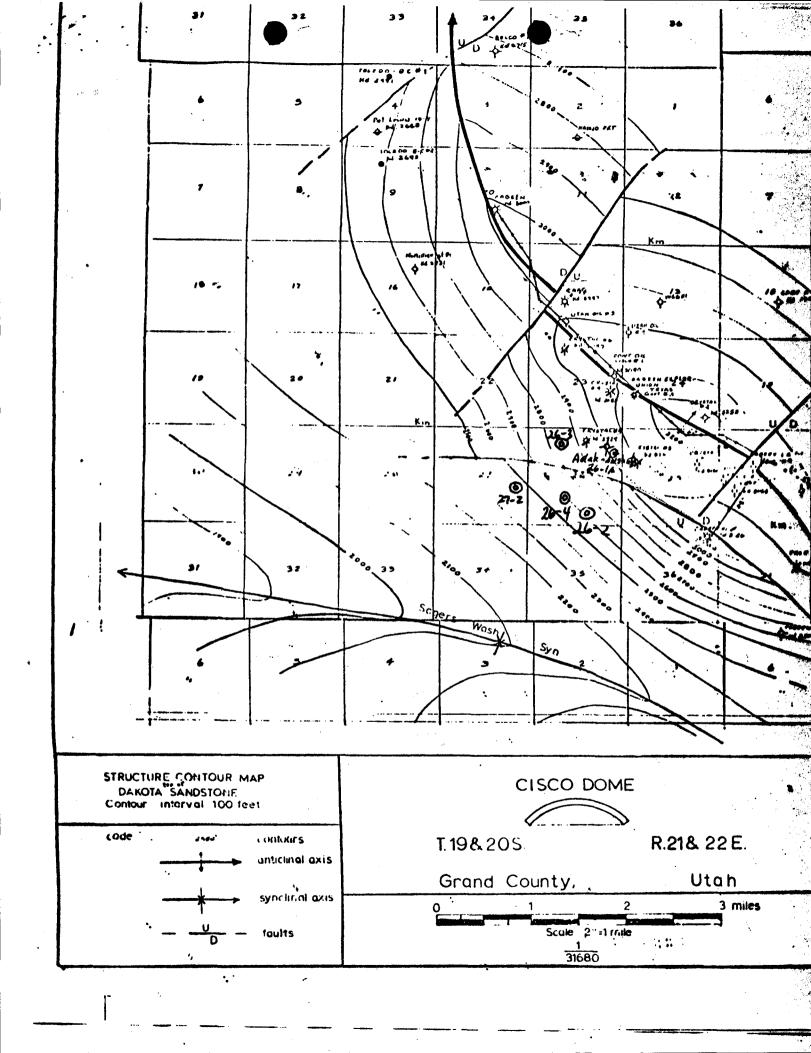
7. Drilling Fluids:

The operator will drill surface hole with gel based drilling mud. Compressed air will be utilized as a circulating medium until water or oil is encountered, which is sufficient to preclude continued operations with air. In the event that a fluid medium is necessary, a salt based polymer will then be utilized. 100 barrels of salt water will be located on the site, but will not be mixed until such time as is determined by the driller on Tower.



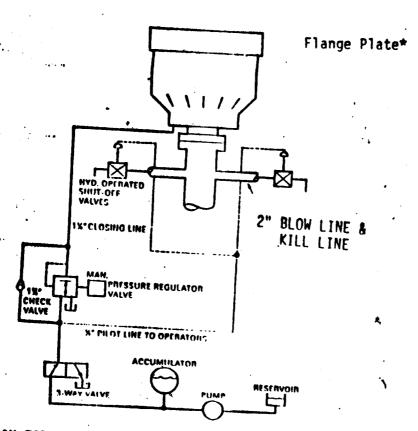
Tansiers MUD Rig

WELL LOCATION PLAT



A GRANT ROTATING HEAD WILL BE BOLTED TO THE BOP FLANGE PLATE.*

A DISCHARGE LINE RUNS FROM THE ROTATING HEAD.



REGAN-TOROUS TYPE E-1 BOP

ROTATING HEAD (SEE BOB Schemat (900 WP 8" FULL VALUE 2" FILL XKILL STUE Surface CASIN6 85/9"

Prepared by: D. H. Christensen

AND STREET STREET

TOS. R. 21 E. S. WILL STATUTE OF SPILLING SELLAND SELL	Name of Engineer) ccupation a CAND SURVEYOR (Type of Engineer) loyed by the CCC. (Company) ake a survey of the PIPELINE (Kind of works as described and shown on this map; thurvey of said works was made by him (is supervision) and under authority, and on the 13 cm day of APRIL 1979, anding on the 13 cm day of APRIL 1979, anding on the 13 cm day of APRIL 1979, and that such survey is accurately representations.	em- subscri by the to has bee final 1 map is in orde or under commence right-o and NATURE 1979; and	bed the statement undersigned applic n adopted by the a ocation of the wor filed as a part of r that the applica 5) (87 Stat. 576); a e statute)	John E Keough (Engineer) hereon is the person eant to prepare this applicant as the approach the complete applicant may obtain the beautiful further certified is desired for	imate that this dom, and fits of S
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** FILE NOTATIONS **

DATE: Now 27,1979	
Operator: Adak Gnergy	Corsoration
Well No: Jederal # 26-	· · · · · · · · · · · · · · · · · · ·
Location: Sec. <u>26</u> T. <u>205</u> R.	21E County: Grand
File Prepared:	Entered on N.I.D.:
Card Indexed:	Completion Sheet:/
API Number	43-019-30583
CHECKED BY:	
Geological Engineer:	
Petroleum Engineer:	
Director: Ok ala Came	102-168
APPROVAL LETTER:	
Bond Required:	Survey Plat Required:
Order No. 102-16B 11 15 79	O.K. Rule C-3
Rule C-3(c), Topographic Except within a 660' radi	tion/company owns or controls acreage ius of proposed site
Lease Designation &	Plotted on Map
Approval Letter	r written / /

Adak Energy Corporation 3964 South State Street Salt Lake City, Utah 84107

> Re: WelllNo. Federal #26-4 Sec. 26, T. 20 S., R. 21 E., Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred toooil well is hereby granted in accordance with the Order issued in Cause No. 102-16B dated November 15, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify one of the following:

MICHAEL T. MINDER Geological Engineer Office: 533-5771 Home: 876-3001 CLEON B. FEIGHT Director Office: 533-5771 Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24rhours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30583.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder Geological Engineer

MTM/pjf cc: GS AL341.

etached from S Form 3849—A ct. 1980

1979

m	SENDER: Complete items 1, 2, and 3. Add your threes in the "FETURN reverse.	TO" space				
3811, Jan 1979	1. The following service is requested (check one.) Show to whom and date delivered					
-	(CONSULT POSTMASTER FOR FEE	S)				
RETURN	2 ARTICLE ADDRESSED TO: Adak Enercy Compositation 3964 S. State St.	n PB				
	5 L.C. UT 84107	DB				
RECEIPT	3. ARTICLE DESCRIPTION:	SURED NO.				
	4697125					
REGIS	(Always obtain signature of addresses o	w agent)				
TERED,	I have received the article described above. SIGNATURE DAddresse Lighthorized ago	n. 01				
INKURED A	4. DAYE OF DETALERS WERE THE BERLITAN ON	OSTMARK				
MO SERT	5. ADDRESS (Completely it houseld)					
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2 - 6	☆G	O : 1979-288 848				

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116

SENDER SENDER

FROM SALT LAKE CITY, UTAFE 84107

Adak Energy Corporation 3964 South State Street Salt Lake City, UT 84107

CERTIFIEDP22 4697125

MAIL

September 16, 1980

Adak Energy Corporation 3964 South State Street Salt Lake City, Utah 84107

> RE: Well No. Federal #26-4 Sec. 26, T. 20S, R. 21E., Grand County, Utah

Gentlemen:

In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or and other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Yery truly yours,

Burkain Hill

BARBARA HILL CLERK-TYPIST September 17, 1980

Adak Energy Corporation 3964 South State Street Salt Lake City, Utah 84107

> RE: Well No. Federal #26-4 Sec. 26, T. 20S, R. 21E., Grand County, Utah

Gentlemen:

In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please smad necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

19000

BARBARA HILL CLERK-TYPIST

March 30, 1981

Adak Energy Corporation 3964 South State Street Salt Lake City, Utah 84107

> Re: Well No. Federal #26-4 Sec. 26, T. 208. R. 21E. Grand County, Utah

Gentlemen:

In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application.) If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

SANDY BATES CLERK-TYPIST

2.24.79

SCOTT M. MATHESON Governor

GORDON E. HARMSTON

Executive Director,

NATURAL RESOURCES

CLEON B. FEIGHT

Director



OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771

September 28, 1981

Adak Energy Corporation 3964 South State Street Salt Lake City, Utah 84107

> Re: Well No. Federal #26-4 Sec. 26, T. 20S, R. 21E Grand County, Utah

Gentlemen:

Approval to drill the above mentioned well, which was granted in our letter of December 24, 1979, is hereby terminated for failure to spud within a reasonable period of time.

If and when you should decide to drill this well, it will be necessary for you to again obtain the approval of this Division.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT

DIRECTOR

Nelloum 84104 485-1000

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